

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0321]

**MARCH 2021
(OCTOBER 2020 EXAM SESSION)**

Sub. Code: 1636

M.OPTOM

SECOND YEAR (From 2018-2019 onwards)

PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE

Q.P. Code : 281636

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Describe in detail about the Sources of Data for Blindness and Visual Impairment.
2. Concept of Health and Disease.

II. Write Short Notes on:

(10x6 = 60)

1. Magnitude of Global Blindness
2. Causes of Childhood Blindness and Prevention
3. Screening for Visual Disorders
4. Limitation of Prevalance Surveys
5. Role of Voluntary Groups in PR programs
6. Brief about Medical Statistics
7. Vitamin A Deficiency
8. Eye Banking
9. Ocular Hygiene
10. Breifly outline Prevention Strategies

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0921]

**SEPTEMBER 2021
(MAY 2021 EXAM SESSION)**

Sub. Code: 1636

**M.OPTOM
SECOND YEAR (From 2018-2019 onwards)
PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE
*Q.P. Code : 281636***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Describe in detail about Epidemiological Methods.
2. Vision 2020 - Planning and Implementation.

II. Write Short Notes on:

(10x6 = 60)

1. Population based Sample Surveys
2. Presbyopia
3. Corneal Blindness
4. Screening for Glaucoma
5. Methods of Improving Hospital Services
6. Incidence of Blindness
7. Benefits of Public Relations
8. Types of Study Designs
9. Brief about Health Education
10. Public Speaking

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0122]

**JANUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 1636

**M.OPTOM
SECOND YEAR (From 2018-2019 onwards)
PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE
*Q.P. Code : 281636***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Prevalance, Incidence and Distribution of Visual Impairment.
2. Describe Types, Causes, Screening and Prevention of Blindness.

II. Write Short Notes on:

(10x6 = 60)

1. Principles of Epidemiology
2. Vision 2020
3. Low vision
4. Management of Refractive Errors
5. Demographical Profile of Blindness
6. Tele Ophthalmology
7. Brief about method of improving Health Care in community
8. Screening for Diabetic Retinopathy
9. Methods in Health Communication
10. Phases of Public Relations

THE TAMIL NADU M.G.R. MEDICAL UNIVERSITY

[AHS 1022]

OCTOBER 2022

Sub. Code: 1636

M.OPTOM

SECOND YEAR (From 2018 – 2019 & 2020-2021 onwards)

PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE

Q.P.Code : 281636

Time: Three hours Answer ALL Questions Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Describe in detail about the major national programs for control of blindness.
2. Elaborate the process of organizing and executing school screening camps.

II. Write short notes on:

(10 x 6 = 60)

1. Prevalence and Management of Myopia.
2. Different types of study designs.
3. Prevalence and incidence of visual impairment.
4. Effect of COVID on Tele-medicine in community.
5. Concept of Health and disease.
6. Eye banking.
7. Preventable blindness and the various categories of blindness.
8. Glaucoma and its impact on global blindness.
9. Screening strategies for Diabetic Retinopathy.
10. Methods of improving Hospital services.

THE TAMIL NADU M.G.R. MEDICAL UNIVERSITY

[AHS 0523]

MAY 2023

Sub. Code: 1636

M.OPTOM

SECOND YEAR (From 2020-2021 onwards)

PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE

Q.P. Code: 281636

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Describe in detail about the various types of study designs.
2. Elaborate the planning and implementation of screening for posterior segment diseases in elderly population.

II. Write short notes on:

(10 x 6 = 60)

1. Vitamin A deficiency.
2. Common eye diseases in the rural and urban areas.
3. Age related Macular degeneration.
4. Screening for Refractive error in children.
5. Childhood blindness.
6. Medical statistics.
7. Prevention strategies.
8. Magnitude of Global blindness.
9. Ocular hygiene.
10. Eye banking.

THE TAMIL NADU M.G.R. MEDICAL UNIVERSITY

[AHS 1023]

OCTOBER 2023

Sub. Code: 1636

**M.OPTOM
SECOND YEAR (From 2020-2021 onwards)
PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE**

Q.P. Code: 281636

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Elaborate on screening of various eye diseases for the elderly population.
2. Discuss Blindness and Visual Impairment and its data sources.

II. Write short notes on:

(10 x 6 = 60)

1. The burden of uncorrected refractive error.
2. Glaucoma and its impact on global blindness.
3. Tele Optometry and Tele Ophthalmology especially after COVID times.
4. School screening.
5. Different categories of Blindness.
6. Age related Macular degeneration.
7. Health education.
8. Common eye diseases in India – both urban and rural.
9. Vision 2020.
10. Study designs.
